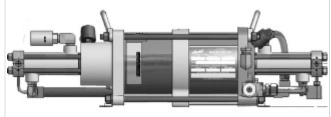
AGT-62-152 Gas Booster

AGT-62-152 Gas Booster

Two Stage AGD booster with pressure capabilities up to 20,000 psi. Maximum outlet pressure is drive area ratio multiplied by air drive pressure plus supply pressure multiplied by the area ratio of the two gas pistons.



High Resolution Image

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Features Tab **Information Tab** **Options Tab**

Performance @ PA=90 psi			
Qa	Ps	Po	Q
30	2400	18000	6.6
35	1400	15000	4.6
47	900	12000	4
51	400	10000	1.8

Legend

Pa = Air Drive Pressure
Ps = Gas Supply Pressure
Qa = Air Drive Quantity
Po = Gas Outlet Pressure
Q = Gas Outlet Flow Rate

Max. Gas Supply Pressure: 40 Pa to 3600 psi / 248 bar. Supply pressure also limited by factor x air drive (Pa) to avoid interstage stall.
Max. Gas Supply Pressure: 40 Pa to 9000 psi / 621 bar. If outlet pressure exceeds Maximum 1st stage pressure and supply pressure simultaneously exceeds pressure limit above the line, install interstage relief valve set at this pressure.
Min. Gas Supply Pressure: 100 psi / 7 bar
Maximum Rated Gas Outlet: 20000 psi / 1379 bar
Maximum Rated Gas Outlet:9000 psi / 620 bar. If outlet pressure exceeds Maximum 1st stage pressure and supply pressure simultaneously exceeds pressure limit above the line, install interstage relief valve set at this pressure.
Static Outlet: 150 Pa+2.5 Ps
Piston Displacement per Cycle: 2.4 Cu. In./ 39 ML
Gas inlet outlet connections: 1/4" HP both ports. Combination port can be used as SAE up to 6500 psi
Weight: 49 lbs / 22 kg

C8	Controls: airline filter, reg w/gauge and manual start/stop 1/2 NPT
17860	Electrical stroke counter provision (Includes BZE6-2RQ) micro switch
25721	Mechanical stroke counter-installed (6 digit)
28881	External pilot modification
29376	Three way cycling spool
29702	Single stroke modification
50341	Low permeability seals for CO2 gas service
51331	(EPR) Ethylene Propelene static seals in wetted section

51050	Extreme service cycling modification
56611	Vent purge with 15 psi relief - single end models
56611-2	Vent purge with 15 psi relief for - double end models
57875	Panel with regulator for mounting remote APS
80862	Viton air drive
86337	Ext. life air drive
82500	ATEX Modification